

CLAIMS

Please amend the claims as follows:

1. (previously presented) A method of remote control of a remotely managed data processing system including a service processor and a separate main processor, said method comprising:

prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system:

on a service processor separate from the main processor, initiating execution of a remote control application; and

the remote control application establishing communication over a network connection with a remote console;

thereafter, initiating execution of POST code by the main processor; and

the remote control application enabling remote control of the remotely managed data processing system upon initiation of execution of said POST code, said enabling remote control including:

getting video data from video hardware within the remotely managed system;

transmitting the video data to the remote console over the network connection;

receiving keyboard/mouse signals from the remote console over the network connection; and

forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

2. (previously presented) The method of claim 1, wherein establishing communication further comprises:

the remote control application communicating with the remote console utilizing a TCP/IP network connection.

3. (previously presented) The method of claim 1, wherein establishing communication further comprises:

the remote control application serving to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

4. (previously presented) The method of claim 1, wherein initiating execution of the remote control application further comprises:

executing the remote control application independently of the operating system executed on the main processor within the remotely managed system.

5. (canceled)

6. (previously presented) The method of claim 1, wherein enabling remote control further comprises:

enabling remote control capability to the remote console from power on self test of the main processor continuously through operating system load for the main processor and beyond.

7. (previously presented) The method of claim 1, and further comprising :

the remote control application providing a single user interface for remote control by the remote console from power on self test of the main processor continuously through operating system load for the main processor and beyond.

8. (previously presented) A remotely managed data processing system permitting remote control from a remote console, said remotely managed data processing system comprising:

a main processor;

a service processor separate from the main processor ; and

data storage including a remote control application executable by said service processor;

wherein said service processor, prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system, initiates

execution of the remote control application and establishes communication over a network connection with the remote console; and

wherein the remote control application, upon initiation of execution of POST code by the main processor, enables remote control of the remotely managed data processing system from the remote console by:

getting video data from the video hardware within the remotely managed system;

transmitting the video data to the remote console over the network connection;

receiving keyboard/mouse signals from the remote console over the network connection; and

forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

9. (original) The system of claim 8, wherein the remote control application communicates with the remote console utilizing a TCP/IP network connection.

10. (original) The system of claim 8, wherein the remote control application serves to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

11. (previously presented) The system of claim 8, wherein the remote control application executes independently of the operating system executed on the main processor within the remotely managed system.

12. (canceled)

13. (original) The system of claim 8, wherein the remote control application executing on the service processor provides remote control capability to the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

14. (original) The system of claim 8, wherein the remote control application executing on the service processor provides a single user interface for remote control by the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

15. (previously presented) A computer program product within a computer usable medium for remote control of a remotely managed data processing system from a remote console, said computer program product comprising a computer usable medium and a remote control application executable on a service processor of the remotely managed system separate from a main processor within the remotely managed data processing system, wherein, when executed by the service processor, the remote control application:

- prior to initiation of execution of power-on self-test (POST) code by a main processor of a remotely managed data processing system, executes to establish communication over a network connection with a remote console;

- from initiation of execution of POST code by the main processor enables remote control of the remotely managed data processing system by:

- getting video data from the video hardware within the remotely managed system;

- transmitting the video data to a remote console over a network connection
- coupling the remotely controlled system to the remote console;

- receiving keyboard/mouse signals from the remote console over the network connection; and

- forcing the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.

16. (previously presented) The computer program product of claim 15, wherein the remote control application further comprises:

- instructions for communicating with the remote console utilizing a TCP/IP network connection.

17. (previously presented) The computer program product of claim 15, wherein the remote control application further comprises:

instructions for serving to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

18. (previously presented) The computer program product of claim 15, wherein the remote control application executes independently of the operating system executed on the main processor within the remotely managed system.

19. (canceled)

20. (previously presented) The computer program product of claim 15, wherein the remote control application provides remote control capability to the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.

21. (previously presented) The computer program product of claim 15, wherein the remote control application provides a single user interface for remote control by the remote console from power on self test for the main processor continuously through operating system load for the main processor and beyond.